

lecture series on the

# social impact of science and technology

Thur., Oct. 17th, 6:30 — 8:10 p.m.

Room H-920, Hall Building, 1455 de Maisonneuve Blvd., Sir George Williams Campus, Concordia University.

**JIM MULLIN**

## **Science Council of Canada — an overview of its origins and programme**

The Science Council of Canada has been in existence as a policy advisory body since 1966. Its past, present and future role and programme will be reviewed.

Thur., Oct. 24th, 6:30 — 8:10 p.m.

Room H-920, Hall Building, 1455 de Maisonneuve Blvd., Sir George Williams Campus, Concordia University.

**ROGER WILLIAMS**

## **Decision-making in the British civil nuclear-power programmes**

An examination of the political, economic, administrative and technical determinants of the British civil nuclear power programmes between 1954 and 1974. The Issues:

1. How much nuclear power and how soon?
2. Structure of the nuclear industry.
3. Which reactor?
4. What fuel policy?

Mon., Oct. 28th, 8:00 p.m.

Room 308, Norris Building, 1435 Drummond Street, Sir George Williams Campus, Concordia University.

**Dr. DAVID B. BROOKS**

## **Energy conservation: how big a target?**

Conservation can go far toward reducing the need for increasingly expensive and environmentally disruptive new supplies of energy. On the other hand, it also appears that we are facing *decreasing* marginal values from new uses for energy. While there clearly remain some regions and some individuals that have too little energy, for the most part additional energy consumption means warmer buildings, faster transportation, and higher incomes for people whose buildings are already warm, whose transportation is already fast, and whose income is already high.

Thur., Nov. 7th, 6:30 — 8:10 p.m.

Room H-920, Hall Building, 1455 de Maisonneuve Blvd. Sir George Williams Campus, Concordia University.

**GORDON EDWARDS**

## **The mathematical ecosystem**

The metaphor of the ecosystem is rapidly replacing the metaphor of the machine. Here it is used to describe the communications network that governs the use and abuse of mathematics in Canadian science, education, industry and government.

Thur., Nov. 14th, 6:30 — 8:10 p.m.

Room H-920, Hall Building, 1455 de Maisonneuve Blvd., Sir George Williams Campus, Concordia University.

**BRANCO BELOVIC**

## **A critical analysis of trends and patterns in Canadian science policy**

The central issue facing Canadian Science Policy today seems to be related to the weakness of industrial research and lack of innovative capacity. The present debate is focused on discovering the reasons for this state of affairs and on devising remedies to overcome them. The existing science policy is often thought to be the main culprit. However, the solution to Canada's science policy problems is not to be found within science and technology alone, but within all the processes and institutions with which those activities are linked together.

Thur., Nov. 21st, 6:30 — 8:10 p.m.

Room H-920, Hall Building, 1455 de Maisonneuve Blvd., Sir George Williams Campus, Concordia University.

**ROGER VOYER**

## **Technology assessment and its relation to northern development**

There is more and more pressure for comprehensiveness in assessing future developments. But how complete are the assessments of the big projects in northern Canada?

Thur., Nov. 28th, 6:30 — 8:10 p.m.

Room H-920, Hall Building, 1455 de Maisonneuve Blvd., Sir George Williams Campus, Concordia University.

**ANDREW H. WILSON**

## **Science policy and industry**

Description and Analysis of a number of factors which companies and governments must take into account when applying science policies to processing and manufacturing.

Thur., Dec. 5th, 6:30 — 8:10 p.m.

Room H-920, Hall Building, 1455 de Maisonneuve Blvd., Sir George Williams Campus, Concordia University.

**LEWIS AUERBACH**

## **Technology and aging**

A discussion of the implications, for technology and society, of the fact our society is becoming rapidly older. In addition, a television documentary on coping with old age, produced by Mr. Auerbach and directed by Don Shebib, will be shown.

Thur., Jan. 16th, 6:30 — 8:10 p.m.

Room H-920, Hall Building, 1455 de Maisonneuve Blvd., Sir George Williams Campus, Concordia University.

**JERZY MIEDZINSKI**

## **The influence of science policy on health and health services**

The quality and the availability of health services are drastically affected by the state of the relevant knowledge, the structure and management of it's personnel. The quality of the environment affects the need for health services. The same factors are the subject of science policy. Thus a correlation between science policy and health services always exists, but may not be sufficiently explicit.

Thur., Jan. 23rd, 6:30 — 8:10 p.m.

Room H-920, Hall Building, 1455 de Maisonneuve Blvd., Sir George Williams Campus, Concordia University.

**ELIODOR R.Q. STOIAN**

## **Elements of a national energy policy**

Key energy issues and options are identified and aggregated into components of a national policy. The complexity of solutions in different planes, and their integration, require a multi-disciplinary system approach.

Thur., Jan. 30th, 6:30 — 8:10 p.m.

Room H-920, Hall Building, 1455 de Maisonneuve Blvd., Sir George Williams Campus, Concordia University.

**ARTHUR J. CORDELL**

## **The structure and function of government laboratories and the transfer of technology to manufacturing industry.**

Thur., Feb. 6th, 6:30 — 8:10 p.m.

Room H-920, Hall Building, 1455 de Maisonneuve Blvd., Sir George Williams Campus, Concordia University.

**RAY W. JACKSON**

## **Goals of science policy**

Exploration of the role of science policy in relation to individual human goals, social goals, and politics.

Thur., Feb. 20th, 6:30 — 8:10 p.m.

Room H-920, Hall Building, 1455 de Maisonneuve Blvd., Sir George Williams Campus, Concordia University.

**DIRK E. L. MAASLAND**

## **Canada's energy opportunities**

This lecture will be concerned with the needs in Canadian Research and Development to prepare for energy requirements in the beginning of the 21st century.

Thur., Feb. 27th, 6:30 — 8:10 p.m.

Room H-920, Hall Building, 1455 de Maisonneuve Blvd., Sir George Williams Campus, Concordia University.

**FRED H. KNELMAN**

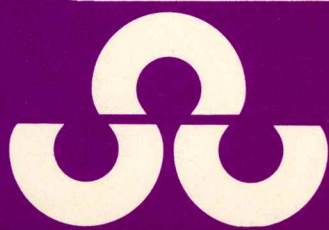
## **Implications of a conserver society**

This study follows from Science Council Report No. 19, "National Resource Policy Issues in Canada" where it was recommended that: "... Canadians as individuals and their governments, institutions and industries, begin the transition from a Consumer Society pre-occupied with resource exploitation to a Conserver Society engaged in more constructive endeavours. Ideally, Canada could provide the leadership necessary to work toward more equitable distribution of the benefits of natural resources to all mankind."

**JACK BASUK**

## **A Summing Up**

Room H-920, Hall Building, 1455 de Maisonneuve Blvd., Sir George Williams Campus, Concordia University.



Science Council  
of Canada

**sir george williams campus**

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